MXC311/MXC401 SPECIFICATIONS

Main Specifications

MXC311/MXC401	Includes multi-tasking controller, 80 GB HDD with document filing system, PCL® 5c/PCL 6/Postscript® 3 network printing, network scanning, 50-sheet RSPF, auto-duplex, 500-sheet paper drawers and 100-sheet bypass. Black and colour developer is included in the box.
Type	Colour multi-function digital document system
Functions	Copy, print, network print, network scan, document filing and fax[1]
Copy System	Dry electrostatic transfer/Dual component developer/ Magnetic brush development/OPC drums/Heat Roller fusing/Xenon Lamp Exposure
Originals	Sheets and Bound Documents
Max Original Size	8-1/2" x 14" (Any originals larger than letter size need to be scanned by the automatic document feeder)
Copy Size	Min 5-1/2" x 8-1/2"/Max 8-1/2" x 14"
Copy Speed	MXC311: 31 ppm B&W/Colour (Letter) MXC401: 40 ppm B&W/Colour (Letter)
Multiple Copy	Max: 999 copies
First Copy Time	Platen glass: 8.0 sec or less (B&W); 8.9 sec or less (colour) RSPF: 9.9 sec or less (B&W); 11.5 sec or less (colour) (Based on A4 original using tray 1, Auto Colour selection off)
Warm-Up Time	90 seconds or less
Magnification	50% to 200% in 1% increments (50 to 200% for RSPF)
Original Feed	50-sheet RSPF with original size detection
Scan Speed	Copy mode (Simplex): Up-to 35 ipm (B&W or colour) @ 600 X 300 dpi. Network Scan (Simplex): Up-to 35 ipm (B&W or colour) @200 x 200 dpi.
Original Sizes	5-1/2 x 8-1/2 / 8-1/2 x 14 (15-lb bond to 110-lb index)
Paper Feed System	Standard: 500 sheet paper drawer (Letter/Legal) and 100-sheet bypass tray (Letter/Legal). Optional: Up-to 3 additional 500-sheet paper drawers (Letter/Legal)[2]
Paper Types	Paper drawers: 16-28 lb. bond. Other paper types include: plain, pre-printed, recycled, pre-punched, letterhead, and colour paper. Bypass Tray: 16-28 lb. bond (plain paper), 15-16 lb. (thin paper), 28 lb. bond-110 lb. index (heavy paper), 20-24 lb. (Monarch/Com-10 envelope). Other types include label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, colour film and OHP Film.
Duplexing	Standard automatic duplex copying and printing
CPU	MXC311: Power QUICCIII-MPC8533E/800MHz MXC401: Power QUICCIII-MPC8533E/1,000MHz
Interface	RJ-45 Ethernet (10Base-T/100Base-TX/1000Base-T), USB 2.0 (Host Port), USB 2.0 (Device Port)
Memory	Standard 1 GB (copier); 512 MB (printer/network scanning) memory
Hard Disk Drive	80 GB; 38 GB Main Folder/12 GB Custom/Quick Folder document filing system and electronic sorting
Copy Resolution	Scan: B&W/Colour: 600 dpi Copy output: B&W/Colour: 600 dpi
Colour Modes	Auto Colour Control, Full Colour Mode, Monochrome (B&W), 2 Colour Mode, Single Colour Mode.
Exposure Control	Modes: Automatic Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Colour document. Settings: Auto exposure control or 9 step manual exposure.
Halftone	256 gradations/2 levels (Monochrome)
Copy Features	Scan-Once-Print-Many, electronic sorting[1], Integrated offset-stacking[1], Auto Colour Sensing (ACS), Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), Auto tray switching (ATS), rotation copy, reverse copy, margin shift, edge erase, OHP insertion, card shot, reverse image, black-white reversal, centering, proof copy, 2-in-1, photo repeat, document filing, job programs, date/ character/page stamp (colour)
Account Control	Up-to 1000 users. Supports user-number authentication (on device), login name/management, date/character/page stamp (colour), Copy, Print, Scan, Fax and Document Management
Output Tray Capacity	Main output tray (top) 250 sheets (face down)
Firmware Management	Flash ROM with local (USB); network update capability and firmware update 1 to N with PAU (Printer Administration Utility)
Configuration Method	Web-based management system with user/administrator level login security, cloning (1 to N) with PAU and remote front panel access
Service/ Maintenance	Remote Front Panel Access to service logs and click counts
Power	AC 100-127VAC, 60HZ, 12 AMPS
Power Consumption	Maximum: 1.44kW or less.
Weight	Approx 107 lbs (base model)
Dimensions	22-3/64" x 17-1/4" x 28-7/64"

Network Printing System (Standard)

PDL	PCL5c, PCL6, PostScript 3 compatible, optional XPS
Resolution	1200 dpi, 600 dpi
Print Speed	31/40 pages per minute (Letter)
Print Drivers	Windows® 98, Windows ME, Windows NT® 4 (with SP5 or later), Windows 2000, Windows Server® 2003, Windows XP, Windows XP x64, Windows Server x64, Windows Vista®, Windows Vista x64, MAC OS®, 9.2.2, OSX (including 10.2.8, 10.3.9, 10.4.11, 10.5-10.5.1), all MAC PPD. Windows Server 2008 x64.
Features	Continuous printing, duplex printing, pamphlet printing, N-up printing, image rotation, different cover page/last page, transparency inserts, carbon copy print mode, fit-to-page, poster print, margin shift, mirror image, watermarks, overlay, confidential print, confidential batch print, print hold, bypass printing, job priority printing and direct printing. (Note: Some features not available on certain print drivers)
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Postscript and XPS[1]. Methods: FTP, WebPage, E-mail and USB Memory
Resident Fonts	80 Outline Fonts
Interface	RJ-45 Ethernet 10/100/1000 Base-T
Operating Systems	Windows 98, ME, NT4.0, 2000, XP, 2003/2008 Server, Vista, Novell® Netware® 3x,4x, 5x, MAC OS-9.0, MAC OS-X, Sun® OS 4.1x, Solaris® 2 x, Unix®, Linux®, Citrix® (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services
Network Protocols	TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, 802.1x for Windows and Unix. LPD and LPR for UNIX. IPX/SPX® for Novell environments. EtherTalk® and NetBEUI, AppleTalk for Macintosh® environments.
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Rprinter
Network Security	IP/Mac address filtering, protocol filtering, port management, user authentication and document administration.
Security Standards	IEEE 2600-2008, DoD (NSTISSP) #11, DoD Directive 8500.2, DoD (DISA)

Network Scanning Systems (Standard)

Max Original Size	8-1/2" x 14"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 100 dpi
Scan Modes	Colour, Monochrome, greyscale
Image Formats	Monochrome: TIFF, PDF, Encrypted PDF, XPS[1] Colour: Greyscale, Colour TIFF, JPEG, PDF, Encrypted PDF, XPS[1] Internet Fax: TIFF-FX, FIFF-F, TIFF-S[1]
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Colour/Greyscale: JPEG (High, middle, low) Internet Fax mode: MH/MMR (option)
Scan Destinations	E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-Touch Destinations	Up-to 999 (combined scan destinations)
Group Destinations	Up-to 500
Programs	48 (combined)
Max. Jobs in Memory	Up-to 94
Network Protocols	TCP/IP and SSL (Includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP and 802.1x
Network Security	E-mail server user authentication for LDAP and Active Directory
Software	Sharpdesk® desktop document management software (1 user license)

B&W Super G3 Fax Kit (Option)

Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS[3]
Compression Methods	JBIG, MMR, MR, MH
Scanning Method	Sheet fed simplex or duplex or book
Max Transmit Resolution	400 dpi
Transmit Speed	Approximately 2 seconds with Super G3/JBIG[4]
Auto Dialing	Up-to 999 (combined scan destinations)
Group Dial/ Destinations	Up-to 500
Inbound Fax Routing	Forwards received fax data to E-mail, FTP, Desktop, SMB
Long Length Originals	Up-to 19.5" (for transmission)
Programs	48 (combined)
Memory	8 MB (Exclusive)
Halftone	256 levels
Features	Quick on-line transmission, direct transmission, F-Code transmission/reception, rotate transmission, anti-junk fax reception, automatically staple received faxes, secure fax release, out of paper memory reception, auto redial, duplex reception transaction reports, activity reports and PC Fax.

Inner Finisher (Option)

Type	Built in Finisher
Output Capacity	Up-to 280 sheets (Letter/Legal), 100 postcard, 20 envelope
Output Delivery	Face down
Stapling Media	Plain/Thin/Heavy/Recycled/Letterhead/Pre-punched/ Coloured/Preprinted paper
Stapling Positions	Single corner position
Power Source	Supplied from the main unit
Stapling	30 sheets Letter/legal
Stapled Sets	10 bundles or 300 sheets (letter/legal)
Weight	Approx 19.8 lbs
Dimensions (When Tray is expanded)	18.67" (w) x 13.07" (d) x 6.18" (H) 20.5" (w) x 13.07" (d) x 6.18" (H)

Optional Equipment

MXFN12	Inner Finisher
MXCFABB	Base Plate with locking casters
MXCFABD	Deluxe Cabinet with door and locking casters
MXCSX1	500 sheet Paper Feed Unit for Tray 2
MXCSX2	500 sheet Paper Feed Unit for Trays 3 & 4
MXPUX1	XPS Expansion Kit (Requires MXSHP1GBXPS)
MXSHP1GBXPS	Expansion Memory 1 GB (Required for MXPUX1)
ARPF1	Bar Code Font Kit
MXFR13U	Commercial Data Security Kit. Not available at time of launch.
MXFWX1	Internet Fax Expansion Kit
MXAMX2	Application Communication Module
MXAMX3	External Accounting Module
MXAMX1	Application Integration Module
MXFXX3	Fax Expansion Kit
MXUSX1	Sharpdesk 1 License Kit
MXUSX5	Sharpdesk 5 License Kit
MXUSX10	Sharpdesk 10 License Kit
MXUSX50	Sharpdesk 50 License Kit
MXUSA0	Sharpdesk 100 License Kit
MXBTX1	Business Card Feeder. Not available at time of launch.

Supplies

MXC40NTB	Black Toner Cartridge
MXC40NTC	Cyan Toner Cartridge
MXC40NTM	Magenta Toner Cartridge
MXC40NTY	Yellow Toner Cartridge
MXC40NVB	Black Developer
MXC40NVC	Cyan Developer
MXC40NVM	Magenta Developer
MXC40NVY	Yellow Developer
MXC40NRB	Black Drum Cartridge
MXC40NRS	Colour Drum Cartridge

[1] Some features require optional equipment
[2] Paper capacity is based on letter size paper
[3] Actual transmission time will vary based on line conditions
[4] Based on Sharp Standard Test Chart with approximately 700 characters, letter size in standard resolution

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